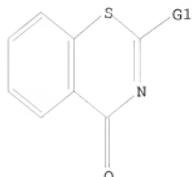


=> d 11
 L1 HAS NO ANSWERS
 L1 STR



G1 Cb,Ak

Structure attributes must be viewed using STN Express query preparation.

=> s 11
 SAMPLE SEARCH INITIATED 09:10:52 FILE 'REGISTRY'
 SAMPLE SCREEN SEARCH COMPLETED - 498 TO ITERATE

100.0% PROCESSED 498 ITERATIONS 14 ANSWERS
 SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
 PROJECTED ITERATIONS: 8622 TO 11298
 PROJECTED ANSWERS: 56 TO 504

L2 14 SEA SSS SAM L1

=> s 11 sss full
 FULL SEARCH INITIATED 09:11:01 FILE 'REGISTRY'
 FULL SCREEN SEARCH COMPLETED - 10083 TO ITERATE

100.0% PROCESSED 10083 ITERATIONS 219 ANSWERS
 SEARCH TIME: 00.00.01

L3 219 SEA SSS FUL L1

=> file caplus
 COST IN U.S. DOLLARS SINCE FILE TOTAL
 FULL ESTIMATED COST ENTRY SESSION
 178.36 178.57

FILE 'CAPLUS' ENTERED AT 09:11:08 ON 13 FEB 2008
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
 COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available

for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

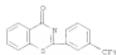
FILE COVERS 1907 - 13 Feb 2008 VOL 148 ISS 7
FILE LAST UPDATED: 12 Feb 2008 (20080212/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

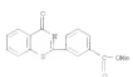
<http://www.cas.org/infopolicy.html>

=> s 13
L4 45 L3

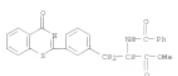
=> d ibib abs hitstr tot



722507-60-0 CAPLUS
CH Benzoic acid, 3-(4-oxo-4H-1,3-benzothiazin-2-yl)-, methyl ester (CA INDEX NAME: 722507-60-0)



722507-62-2 CAPLUS
CH Phenylalanine, N-benzoyl-3-(4-oxo-4H-1,3-benzothiazin-2-yl)-, methyl ester (CA INDEX NAME: 722507-62-2)

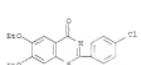


722507-64-0 CAPLUS
722507-64-0 CAPLUS
CH Benzenepropionic acid, 3-(4-oxo-4H-1,3-benzothiazin-2-yl)-, 1,1-dimethyllethyl ester (CA INDEX NAME: 722507-64-0)

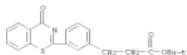
AB The ring-opening reactions of N-methyl-4H-1,3-benzothiazinol-2-ylmethoxyanilide derive, [e.g., 4-chloro-4H-1,3-benzothiazin-2-yl]methoxyanilide, 4-chloro-4H-1,3-benzothiazin-2-ylmethoxyanilide, 4-chloro-4H-1,3-benzothiazin-2-ylmethoxyanilide, etc.] in the presence of phosphorus pentoxide and boron trifluoride diethyl etherate gave the corresponding 2,3-dihydro-4H-1,3-benzothiazine was reduced with Zn to obtain the corresponding 2,3-dihydro derivative. Potassium permanganate oxidation of 4H-1,3-benzothiazine-4-ones and 4H-1,3-benzothiazine-4-oxides gave the corresponding 4-oxo-4H-1,3-benzothiazines. The reactions of 4H-1,3-benzothiazine-4-oxides with substituted anilines and substituted alkyl chlorides led to linearly condensed β -lactams. The structures of the compds. studied were confirmed by IR and ¹H NMR and by their chemical reactions and spectral data. 4H-1,3-benzothiazin-1-one derivs. were also prepared

IT CAPLUS
EL: EP (Synthetic preparation); P35D (Preparation)
[preparation and structural characterization of (phenyl)benzothiazine derivatives]

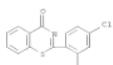
ES 501087-94-3 CAPLUS
CH 4H-1,3-Benzothiazin-4-one, 2-(4-chlorophenyl)-6,7-dioxy- ICA INDEX NAME: 501087-94-3



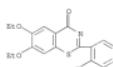
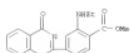
501087-97-4 CAPLUS
CH 4H-1,3-Benzothiazin-4-one, 2-(4-chlorophenyl)-6,7-dioxy- (CA INDEX NAME: 501087-97-4)



722507-84-0 CAPLUS
CH 4H-1,3-Benzothiazin-4-one, 2-(4-chloro-2-methylphenyl)- (CA INDEX NAME: 722507-84-0)



722507-88-2 CAPLUS
CH Benzoic acid, 2-(4H-1,3-benzothiazin-4-one)-4-(4-oxo-4H-1,3-benzothiazin-2-yl)-, methyl ester (CA INDEX NAME: 722507-88-2)



REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000321733	A	20001124	JP 1999-127300	19990507
Priority Appln. Info.:			JP 1999-127300	19990507

OVERALL SOURCE (S): MAPPA7 133:367807



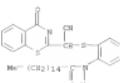
A8 The material requires a support having the hexene-1 hydrophilic colloid layer containing Si colloid having 1 $\text{Fc} = \text{C}_2 = \text{Z}$ carbonyl, acryl, alkoxyacryl, acryloxyacryl, C_6 atoms required to form an aromatic ring with CaI and Si colloid II [CP_1]. HgO is added to the support and the support is developed by coupling reaction with developer; oxidation product; N atoms required to form 4-nitrobenzene aromatic heterocyclic ring with CP_1 . Images are formed by (1) heat-developing the material; (2) developing it in the presence of alkali generated by slightly soluble metal salt and its coupling agent;

(photo). Each containing developer and coupler.

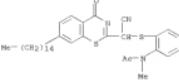
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000321792	A	20001124	JP 1999-127298	19990507
PRIORITY APPLN. INFO.:				
OTERAN SOURCE(S):	MASPAT 133:367906			



L4 ANSWER 7 OF 45 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
307496-50-0 CAPLUS
CH Hexadecanamide, N-[2-[(cyano(4-oxo-4H-1,3-benzothiazin-2-yl)methyl]thio)phenyl]-N-methyl- (CA INDEX NAME)



14 ANSWER 8 OF 45 CAP1028 COPYRIGHT 2008 ACS on 878 |Continued



Habte

2/13/2008

LA ANSWER 12 OF 45 CAPLUS COPYRIGHT 2008 ACS ON STN

ACCESSION NUMBER: 13931602467 CAPLUS

DOCUMENT NUMBER: 11712020467

TITLE: The anodic dissolution of binary iron-cobalt alloys during their anodic dissolution in the presence of surfactants

AUTHOR(S): Goryainova, A. P.; Kravchenko, V. M.; Gerasimova, I. M.; Akhrem, N. G.

CORPORATE SOURCE(S): Rostov. Gos. Univ., Rostov, Russia

SOURCE: RSC Advances, 2012, 2, 290-294

CODEN: ZAMAD3; ISSN: 2044-2258

DOCUMENT TYPE: Journal

LANGUAGE: English

AB: In the presence of surfactants at a predet. alloy composition, it is possible to transfer the control of its dissolution from 1 component to the other, using Fe-Co alloys as an example. Thus, the anodic dissolution of the binary Fe-Co alloy with a weight composition of 50% inhibited in 0.5M H₂SO₄. The Fe-Co alloys contained 1.0, 7.5, 10.0, 24.0, 22.7, 42.7, and 70.8 weight % of the binary salts. For comparison, samples ofFe and Co of grade "K-0" were tested in 0.5M H₂SO₄ at 5 in the active region from -0.2 to +0.5 V_{Ag}, a normal H electrode. The surfactant selective with respect to the other component of the alloy is the phenylphosphonate.

IT: EII 292 (Properties) [anodic dissolution of iron-cobalt alloys in presence of, threshold concentration of binary alloys in relation to]

RS: 48-1,3-benzothiazin-4-one, 2-phenyl-, perchlorate (9CI) [CA INDEX NAME]

CH: 1

CMB: 7601-90-3

CMR: C1 H 04



ON: 2

LA ANSWER 12 OF 45 CAPLUS COPYRIGHT 2008 ACS ON STN

ACCESSION NUMBER: 13931214422 CAPLUS

DOCUMENT NUMBER: 1171202422

TITLE: Recrystallization of 4-oxo-1,3-benzothiazinum salts. synthesis of o-(mercaptophenyl)-1,3-triazoles and their properties

AUTHOR(S): Kryukhin, Yu. I.; Korzhava, O. B.; Gornovikov, A. D.; Knyazev, A. P.; Terent'ev, P. B.

CORPORATE SOURCE(S): Vsesoyuz. Nauchno-Issled. Inst. Org. Khim., Rostov-on-Don, 344092, USSR

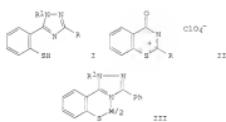
SOURCE: Khim. Geterotsiklicheskikh Soedinenii (1993), (9), 1-10.

DOCUMENT TYPE: Journal

LANGUAGE: Russian

CROSS SOURCE(S): CASREACT 116:214422

GI:

AB: 5-(o-Mercaptophenyl)-1,3,4-triazoles I (R = Ph, R1 = H, Ph, PhCH₂; R = PhCH₂, R1 = PhCH₂), II (R = Ph) were prepared (50-80% yields) by recrystallization of 4-oxo-1,3-benzothiazinum perchlorates III with KMnO₄ in refluxing AcOH. Treating I in a 1 mol. volume of MeOH with Ni(OAc)₂ (M = Co, Ni, Zn) gave 13-24% complexes III (R1 = Ph, M = Co, Ni, Zn, R1 = PhCH₂, M = Co,IT: 97189-42-9 (Reactant); KMnO₄ (Reactant or reagent) [recrystallization of, by hydroxides]

RS: 97189-42-9 CAPLUS

CH: 48-1,3-benzothiazin-4-one, 2-phenyl-, perchlorate (9CI) [CA INDEX NAME]

ON: 1

CMB: 7601-90-3

CMR: C1 H 04

LA ANSWER 12 OF 45 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)

CMB: 7474-08-0

CMR: C14 H 9 N O S



LA ANSWER 12 OF 45 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)

CMB: 7474-08-0

CMR: C14 H 9 N O S



ON: 2

CMB: 7474-08-0

CMR: C1 H 04



LA ANSWER 12 OF 45 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)

CMB: 67433-04-9

CMR: C15 H13 N O S



ON: 2

CMB: 7601-90-3

CMR: C1 H 04



LA ANSWER 16 OF 45 CARLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 1993212012 CARLUS
 DOCUMENT NUMBER: 116121013
 TITLE: A new cyclization of 1,2-heterocyclic cations to heterocyclic anilines and perimidinolines cations
 AUTHOR(S): Vedenikova, I. V.; Kosatstchenko, A. A.;
 Vedenikova, Yu. I.
 CORPORATE SOURCE: Inst. Org. Phys., Univ. Rostov, Rostov-on-Don,
 344131, USSR
 SOURCE: Bulletin des Societes Chimiques Belges (1991),
 100(2), 175-81
 C02H11 NPMR03 ISBN: 0037-9646
 DOCUMENT TYPE: Chemical
 LANGUAGE: French
 OTHER SOURCE(S): CASREACT 114:21013
 AB: When 1,2-heterocyclic cations such as benzimidazolium, benzothiazolium, or ditolylaminium cations, with o-phenylenediamines or 1,3-naphthalediamines gave benzimidazolines and perimidinolines.
 IT: E1: NCT (Benzatant) NACT (Benzatant or reagent)
 reaction of, with phenylenediamines and naphthalenediamines
 NH: N1: 4,4'-Benzophenone, 2-phenyl-, perchlorate (HCl) (CA INDEX NAME)
 CH: 48-1,3-Benzothiazin-4-one, 2-phenyl-, (CA INDEX NAME)

CM 3
 CNS: 7491-99-3
 CNF: C13 H 8 O

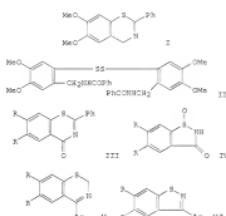


CM 2

CNS: 7474-05-0
 CNF: C14 H 9 N O S



LA ANSWER 17 OF 45 CARLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 1993215913 CARLUS
 DOCUMENT NUMBER: 116121013
 TITLE: Ring-transformation reactions of 1,3-benzothiazines. Part 5. Saturated heterocycles. Part 140. Synthesis of benzothiazoles by the oxidative ring contraction of 2-aryl-1,3-benzothiazines
 AUTHOR(S): Jancsó, János; Lászlo, László; Lajos; Katona, Ágnes; Bernáth, Gábor
 CORPORATE SOURCE: Györgyselektor, Budapest, Hungary; Eesti-Öngyrgyi Albert OÜ, Tartu, Estonia; Elveit, Szeged, 6700, Hungary
 SOURCE: Magyar Kemial Poljatol (1989), 95(11), 455-61
 DOCUMENT TYPE: Chemical
 LANGUAGE: Hungarian
 OTHER SOURCE(S): CASREACT 112:215913
 CM



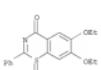
AB: Dinitrophenylbenzothiazine (I) was oxidized with NaOCl to yield the dinitrophenylbenzothiazole (II). NaOCl oxidation of 2-phenylbenzothiazine-1,1-dioxide (III) (R = Ph) was carried out with calculated amounts of potassium periodate to obtain the corresponding 1-oxide and 1,1-dioxide. Oxidation of III (R = Me, EG, EG) with NaOCl involved ring contraction, yielding benzothiazolone (IV). A similar ring transformation was observed in the oxidation of aryl benzothiazoles (R = alkoxy, Ar = substituted Ph), resulting in the formation of arylbenzothiazolones (V). The mechanism of these ring transformations is discussed.

Habte

2/13/2008

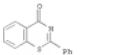
LA ANSWER 18 OF 45 CARLUS COPYRIGHT 2008 ACS on STN (Continued)

17 117999-13-2
 E1: Benzatant (Properties)
 (intermediacy of, in oxidative ring closure of arylbenzothiazine derivative)
 NH: 117999-13-2 CARLUS
 CH: 48-1,3-Benzothiazin-4-one, 6,7-dioethoxy-2-phenyl-, 1-oxide (CA INDEX NAME)
 NAME: 117999-13-2
 E1: Benzatant (Properties)
 (oxidative ring contraction of, with sodium periodate)
 NH: 7474-08-0 CARLUS
 CH: 48-1,3-Benzothiazin-4-one, 2-phenyl-, (CA INDEX NAME)

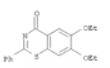


IT: 7474-08-0 117999-42-3
 E1: Benzatant (Properties)
 (oxidative ring contraction of, with sodium periodate)

NH: 7474-08-0 CARLUS
 CH: 48-1,3-Benzothiazin-4-one, 2-phenyl-, (CA INDEX NAME)



CH: 102173-43-3 CARLUS
 CH: 48-1,3-Benzothiazin-4-one, 6,7-dioethoxy-2-phenyl-, 1-oxide (CA INDEX NAME)



IT: 117999-12-2
 E1: Benz (Synthetic preparation); TFE (Preparation)
 (isopropenylidene-bis(4-phenylcyclohexene))
 NH: 117999-12-2 CARLUS
 CH: 48-1,3-Benzothiazin-4-one, 6,7-dimethoxy-2-phenyl-, 1-oxide (CA INDEX NAME)

90990

LA ANSWER 20 OF 45 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 103958142

DOCUMENT NUMBER: 10108142

TITLE: *Ring-conformations of 1,3-benzothiazines. 5. Ring-conformations of benzothiazoles by the oxidative ring contraction of 2-aryl-4H- and 4-aryl-2H-1,3-benzothiazoles*

AUTHOR(S): Stabel, János; Krabbe, Peder; Lajosz, Katalin; Agnes, Bernáth; Gábor, Sóhár, Pal

CORPORATE SOURCE: Institute of Chemistry, Albert Szent-Györgyi Med. Univ., Szeged, H-6701, Hung.

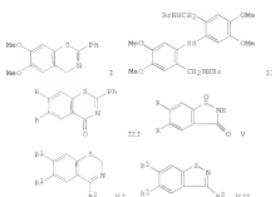
SCOPUS: Tetrabromodibenzo[1,2-d:4,5-d']dithiophene (1998), 44(10), 2985-92

DOCUMENT TYPE: CITED REFERENCE

LANGUAGE: English

OTHER SOURCE(S): CAPLUSCT 110:8142

GI:



AB 4H-1,3-Benzothiazine I was oxidized with KMnO_4 to give diol II, whereas the oxidation of I with KMnO_4 gave 4H-1,3-benzothiazine-4-one = (IV). Oxidation of IV with calculated amounts of perbenzoic acid gave corresponding 1-oxide and 1,1-dioxide. III (X = OMe, H, OMe) were oxidized with NaIO_4 to give 1,2-benzothiazole-3(2H)-ones V (X = same). 4H-1,3-Benzothiazines VI (X1 = OMe, H2 = Ph, OMeMe-4, CHOMe-4, CHOMe-4, CH_2OMe -7, 4', 5' = OMe, H2 = Ph) were oxidized with NaIO_4 to give the corresponding 1,2-benzothiazoles VII. IT 7474-09-0 101716-62-3.

LA ANSWER 20 OF 45 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

HL RCT (Reactant); EACT (Reactant or reagent)

(oxidative ring contraction of)

RE 7474-09-0 CAPLUS

CH 4H-1,3-Benzothiazin-4-one, 2-phenyl- (CA INDEX NAME)



HL 101716-62-3 CAPLUS

CH 4H-1,3-Benzothiazin-4-one, 6,7-dimethoxy-2-phenyl- (CA INDEX NAME)



LA 54755-15-8P 117999-12-3P

HL RCT (Reactant); SPP (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and oxidative ring contraction of)

RE 54755-15-8P CAPLUS

CH 4H-1,3-Benzothiazin-4-one, 6,7-dimethoxy-2-phenyl- (CA INDEX NAME)



HL 117999-12-3 CAPLUS

CH 4H-1,3-Benzothiazin-4-one, 6,7-dimethoxy-2-phenyl-, 1-oxide (CA INDEX NAME)

LA ANSWER 20 OF 45 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

ACCESSION NUMBER: 1987515546 CAPLUS

DOCUMENT NUMBER: 1017515546

TITLE: *Nitrides in heterocyclic synthesis: a route for synthesis of functionally substituted thiazones*

AUTHOR(S): Alves, M. J.; Alves, F. J.; Alves, S. I.

CORPORATE SOURCE: Faculdade de Ciéncias da Universidade de Lisboa, Lisboa, Portugal

SCOPUS: Revista Portuguesa de Química (1985), 27(3-4), 459-62

DOCUMENT TYPE: CITED REFERENCE

LANGUAGE: English

OTHER SOURCE(S): CAPLUSCT 107:115546

GI:

LA ANSWER 20 OF 45 CAPLUS COPYRIGHT 2009 ACS on STN

1987515546 CAPLUS

TITLE: *Nitrides in heterocyclic synthesis: a route for**synthesis of functionally substituted thiazones*

AUTHOR(S): Alves, M. J.; Alves, F. J.; Alves, S. I.

CORPORATE SOURCE: Faculdade de Ciéncias da Universidade de Lisboa, Lisboa, Portugal

SCOPUS: Revista Portuguesa de Química (1985), 27(3-4), 459-62

DOCUMENT TYPE: CITED REFERENCE

LANGUAGE: English

OTHER SOURCE(S): CAPLUSCT 107:115546

GI:

AB 1,3-Benzothiazines I and II (E1 = NHMe, CNPh) were prepared. The reaction of 2-HEXENONE with a thiazolinonitrile derivative gave I. II (E1 = CNPh) was obtained from 2-HEXENONE and $\text{Pb}(\text{OAc})_4$ ($\text{CH}_2=\text{CH}_2$).

IT 67433-02-7 CAPLUS

HL RCT (Reactant); EACT (Reactant or reagent)

(preparation and condensation reactions of)

RE 67433-02-7 CAPLUS

CH 4H-1,3-Benzothiazine-2-acetonitrile, 4-oxo- (CA INDEX NAME)



IT 107999-43-2P 117999-37-EP 109428-39-2P

109428-39-2P 117999-43-2P 109428-41-2P

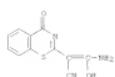
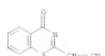
HL RCT (Reactant); EACT (Reactant or reagent)

(preparation and condensation reactions of)

RE 107999-43-2 CAPLUS

CH 4H-1,3-Benzothiazine-2-acetonitrile, 4-oxo- ω - (phenylhydrazone)- (9C1) (CA INDEX NAME)

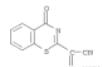
14 ANSWER 22 OF 45 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)

15 67433-02-7
Kl. R-1,3-Benzothiazine; RCT (Reagent or reagent)
(reactions of)16 47433-02-7 CAPLOS
CH 4H-1,3-Benzothiazine-2-acetonitrile, 4-oxo- (CA INDEX NAME)

14 ANSWER 23 OF 45 CAPLOS COPYRIGHT 2008 ACS on STN
ACCESION NUMBER: 1987101585 CAPLOS
DOCUMENT NUMBER: 1061101585
TITLE: Benzothiazine-4-one and electroreduction of some
Benzothiazine-4-one and electroreduction of some
MATERIAL(S): Benzothiazine-4-one and electroreduction of some
SOURCE: Abd, N. M.; Nashef, B. Z.; Fahmy, H. M.; Aziz, N.-
Far. Sci., Cairo Univ., Giza, Egypt
Monatshefte fuer Chemie (1966), 117(5), 599-605
JOURNAL: Monatshefte fuer Chemie (1966), 117(5), 599-605
DOCUMENT TYPE: Journal
LANGUAGE: English
01



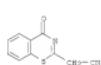
All The pK_a values of benzothiazine-4-ones I (R = H, 3-Cl, 4-Cl, 5-NO₂, 3-NO₂, 4-NO₂) together with a model 2-(cyanoethyl)-4H-1,3-benzothiazine-4-
one were determined spectrophotometrically in alc. buffered media. These values are in good agreement with those of a series. The polarized behavior
I (R = H, 4-NO₂) was studied in detail. The obtained data showed that
I (R = H) is reduced via a 2-electron process to the corresponding
hydrazones, which was stabilized through H bonding.

15 67433-02-7 CAPLOS
Kl. RCT (Reagent); RCT (Reagent or reagent)
(Ionization and polarogr. reduction of)16 107009-67-4 CAPLOS
CH 4H-1,3-Benzothiazine-2-acetonitrile, 4-oxo- (CA INDEX NAME)
(NCI) (CA INDEX NAME)

16 107009-67-4 CAPLOS

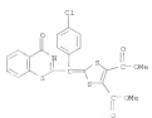
14 ANSWER 23 OF 45 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)
CH 4H-1,3-Benzothiazine-2-acetonitrile, α -[(4-nitrophenyl)hydrazono]-4-
oxo- (PC1) (CA INDEX NAME)15 67433-02-7 107009-64-3 107009-65-4
107009-65-4 107032-75-7 107032-76-8
Kl. RCT (Process)

(Ionization of, in alc. buffered media)

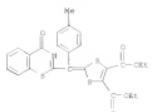
16 107009-64-3 107032-75-7 107032-76-8
CH 4H-1,3-Benzothiazine-2-acetonitrile, 4-oxo- (CA INDEX NAME)15 107009-64-3 CAPLOS
CH 4H-1,3-Benzothiazine-2-acetonitrile, α -[(4-chlorophenyl)hydrazono]-4-
oxo- (PC1) (CA INDEX NAME)15 107009-65-4 CAPLOS
CH 4H-1,3-Benzothiazine-2-acetonitrile, α -[(3-methylphenyl)hydrazono]-4-
oxo- (PC1) (CA INDEX NAME)15 107009-64-3 CAPLOS
CH 4H-1,3-Benzothiazine-2-acetonitrile, α -[(4-methylphenyl)hydrazono]-4-

Habte

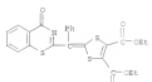
2/13/2008



70939-07-6 CAPLUS
1,3-dithiolo-4,5-dicarboxylic acid, 2-[(4-methylphenyl)(4-oxo-4H-1,3-benzothiolo-2-yl)methylene]-, diethyl ester (9CI) (CA INDEX NAME)

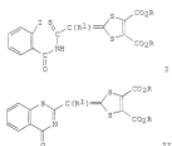


82491-22-3 CAPLUS
1,3-dithiolo-4,5-dicarboxylic acid, 2-[(4-oxo-4H-1,3-benzothiolo-2-yl)methylene]-, diethyl ester (9CI) (CA INDEX NAME)



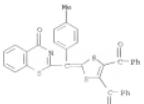
82491-22-4 CAPLUS

14 ANSWER 28 OF 45 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
ACCESSION NUMBER: 19911515430 CAPLUS
DOCUMENT NUMBER: 19911515430
ORIGINAL REFERENCE NO.: 95139373a (1976a)
TITLE: A new and efficient approach to a
4H-1,3-benzothioline
of
AUTHOR(S): Itoh, T.; Yamamoto, K.; Yamada, Etsuyuki; Abe, Toshihiko; Kasano, Toshiro; Koshi, Hiroshi; Matsuura, T.; Saito, T.; Yamaguchi Univ., Yamaguchi, 753, Japan
CORPORATE SOURCE: Nippon Soda Co., Ltd., 16-11, 1605-4
DOCUMENT TYPE: PCT/JP 2000 003444
LANGUAGE: English
OTHER SOURCE(S): CASREACT 95:115430
G1

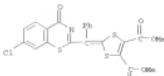


AS Irradiation of 2-oxo-4H-1,3-benzothioline-2-oxides I (R = Me, Et; R1 = Ph, 4-MeC6H4, 4-CiC6H4) in TFA gave 82-93% benzothioline II.
IT 70939-04-2P 70939-05-4P 70939-06-5P
R1: Ph (Synthetic preparation); P3K (Preparation)
(preparation of)
70939-06-5P 70939-07-6P 70939-08-7P
CH 1,3-dithiolo-4,5-dicarboxylic acid, 2-[(4-oxo-4H-1,3-benzothiolo-2-yl)methylene]-, dimethyl ester (9CI) (CA INDEX NAME)

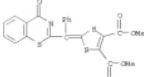
14 ANSWER 27 OF 45 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
CH 4H-1,3-benzothiolo-4-one, 2-[(4,5-dibenzoyl-1,3-dithiolo-2-ylidene)(4-methylphenyl)methyl]- (CA INDEX NAME)



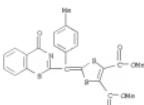
82491-24-5 CAPLUS
1,3-dithiolo-4,5-dicarboxylic acid,
2-[(7-chloro-4-oxo-4H-1,3-benzothiolo-2-yl)methylene]-, dimethyl ester (9CI) (CA INDEX NAME)



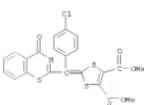
14 ANSWER 28 OF 45 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



70939-05-4 CAPLUS
1,3-dithiolo-4,5-dicarboxylic acid, 2-[(4-methylphenyl)(4-oxo-4H-1,3-benzothiolo-2-yl)methylene]-, dimethyl ester (9CI) (CA INDEX NAME)

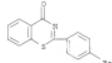


70939-05-5 CAPLUS
1,3-dithiolo-4,5-dicarboxylic acid, 2-[(4-chlorophenyl)(4-oxo-4H-1,3-benzothiolo-2-yl)methylene]-, dimethyl ester (9CI) (CA INDEX NAME)



70939-07-6 CAPLUS
1,3-dithiolo-4,5-dicarboxylic acid, 2-[(4-methylphenyl)(4-oxo-4H-1,3-benzothiolo-2-yl)methylene]-, diethyl ester (9CI) (CA INDEX NAME)

14 ANSWER 34 OF 45 CAPLUS COPYRIGHT 2008 ACS on 878 (Continued)



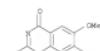
CH 18-[1-*tert*-Butyl-3-*benzothiophenyl]-4-(3*H*)-one, 1-ethyl-2-phenyl- (7C1) (CA INDEX NAME)*



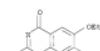
14 ANSWER 36 OF 45 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

ESI 996.01.44-0 CAP105
 CM 1B-1,3-Benzothiazin-4(3H)-one, 2-phenyl-1-propyl- (PCI) (CA INDEX NAME)

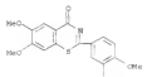
14 ANSWER 37 OF 45 CAPLOS COPYRIGHT 2008 ACS on 57N (Continued)



ISSN 1062-1024 • 420 • 2014-03-01



939 101734-79-6 CAPLUS
 C9 48-1,2-Benzothiazin-4-one, 2-(3,4-dimethoxyphenyl)-6,7-dimethoxy- (CA)



14 NUMBER 22 OF 45 - CANADA - CORPORATION 2000 106 OF 624

precipitate (6 g.).
 crude). 4-Chlorobenzo-*n*-thiazine (III), C₉H₇ClNOS, sweetish taste, m. 138° (B2O₃), was prepared by heating 1 g. I in 100 ml. H₂O to solution and taking to near dryness. Et ester of 4-chlorobenzo-*n*-thiazine-2-acetic

acid, needles, m. 172° (EtOH and dioxane), was prepared analogously from 3 g. thiosalicylic acid and 2.4 g. EtOCCMe2CN in 20 ml. dioxane in 2.5-g. yield. 2-Carbomethyl-4-oxobenzo-*m*-thiazine, (III), m. 115° (benzene and a little absolute alc.), was similarly prepared in 3.1-g. yield.

157⁷ (C686), 2-piperidinomethyl derivative of II, needles, m.
 149⁷ (C686), 2-diethylaminoethyl derivative of II, platelets, m.
 " " " "

160° (alcd.-C6H6) and 2-cyclohexylaminomethyl derivative of II, needles, m. 185° (C6H6 and petr. ether), were prepared by refluxing 1 mole III and 2.5 moles of the resp. amine in C6H6 and working up the products.

ester 9891-13-8, α - β -Benzothiazin-2-oxo-4-ene, 2-(chloroethyl)-
 4-oxo- 9892-22-6, α - β -Benzothiazin-4-one, 2-(chloroethyl)-
 10963-33-6, α - β -Benzothiazin-4-one, 2-(diethylaminocarbonyl)-
 100795-37-7, α - β -Benzothiazin-4-one, 2-morpholinocarbonyl-
 10095-60-6, α - β -Benzothiazin-4-one, 2-(cyclohexylaminocarbonyl)-
 101938-13-8, α - β -Benzothiazin-4-one, 2-mimoridinecarbonyl-

191938-22-69, 4-(3-methylsulfinyl-4-oxo-2-piperidinyl)-
RL: PREP (Preparation)
Isomerization of

388 67433-03-8 CAPUS

Habte

2/13/2008

LA. ANSWER 41 OF 45 CAPLUS COPYRIGHT 2009 ACS ON ZTN
 ACCESSION NUMBER: 19692762 CAPLUS
 ORIGINAL REFERENCE NO.: 54:18325-1,18326-A
 TITLE: Cloroacetylation and bromination of cyclic acetals
 (1,3-dioxolanes)
 CORPORATE SOURCE: Battersby, Ronald C.
 SOURCE: Journal of the Chemical Society (1960) 1682-7
 JOURNAL: Journal of the Chemical Society (1960) 1682-7
 DOCUMENT TYPE: Article
 LANGUAGE: English
 SOURCE(S): CAPLUS, 54:18326
 AB: Cl was fed into 55 g. molies tris-1,4,8-tetraacetoxy-4,8-dihydrophthalimide
 (III), prepared according to Contardi and Ercoli (IC 72, 17644 in the
 present collection), in a sealed tube at 140° until no more was absorbed. Distillation
 of a crystal of iodine at 140° until 10 ml. water was absorbed. Distillation
 of the residue, which was a colorless oil, gave 44.5 g. iodine, 44.5% yield.
 7-chloro-1,4-dioxolane, 44.3-3.5% infrared, δ 3.65, 4.05, 5.15, 6.15, 7.15, 7.35, 7.55, 7.75, 7.95, 8.15, 8.35, 8.55, 8.75, 8.95, 9.15, 9.35, 9.55, 9.75, 9.95, 10.15, 10.35, 10.55, 10.75, 10.95, 11.15, 11.35, 11.55, 11.75, 11.95, 12.15, 12.35, 12.55, 12.75, 12.95, 13.15, 13.35, 13.55, 13.75, 13.95, 14.15, 14.35, 14.55, 14.75, 14.95, 15.15, 15.35, 15.55, 15.75, 15.95, 16.15, 16.35, 16.55, 16.75, 16.95, 17.15, 17.35, 17.55, 17.75, 17.95, 18.15, 18.35, 18.55, 18.75, 18.95, 19.15, 19.35, 19.55, 19.75, 19.95, 20.15, 20.35, 20.55, 20.75, 20.95, 21.15, 21.35, 21.55, 21.75, 21.95, 22.15, 22.35, 22.55, 22.75, 22.95, 23.15, 23.35, 23.55, 23.75, 23.95, 24.15, 24.35, 24.55, 24.75, 24.95, 25.15, 25.35, 25.55, 25.75, 25.95, 26.15, 26.35, 26.55, 26.75, 26.95, 27.15, 27.35, 27.55, 27.75, 27.95, 28.15, 28.35, 28.55, 28.75, 28.95, 29.15, 29.35, 29.55, 29.75, 29.95, 30.15, 30.35, 30.55, 30.75, 30.95, 31.15, 31.35, 31.55, 31.75, 31.95, 32.15, 32.35, 32.55, 32.75, 32.95, 33.15, 33.35, 33.55, 33.75, 33.95, 34.15, 34.35, 34.55, 34.75, 34.95, 35.15, 35.35, 35.55, 35.75, 35.95, 36.15, 36.35, 36.55, 36.75, 36.95, 37.15, 37.35, 37.55, 37.75, 37.95, 38.15, 38.35, 38.55, 38.75, 38.95, 39.15, 39.35, 39.55, 39.75, 39.95, 40.15, 40.35, 40.55, 40.75, 40.95, 41.15, 41.35, 41.55, 41.75, 41.95, 42.15, 42.35, 42.55, 42.75, 42.95, 43.15, 43.35, 43.55, 43.75, 43.95, 44.15, 44.35, 44.55, 44.75, 44.95, 45.15, 45.35, 45.55, 45.75, 45.95, 46.15, 46.35, 46.55, 46.75, 46.95, 47.15, 47.35, 47.55, 47.75, 47.95, 48.15, 48.35, 48.55, 48.75, 48.95, 49.15, 49.35, 49.55, 49.75, 49.95, 50.15, 50.35, 50.55, 50.75, 50.95, 51.15, 51.35, 51.55, 51.75, 51.95, 52.15, 52.35, 52.55, 52.75, 52.95, 53.15, 53.35, 53.55, 53.75, 53.95, 54.15, 54.35, 54.55, 54.75, 54.95, 55.15, 55.35, 55.55, 55.75, 55.95, 56.15, 56.35, 56.55, 56.75, 56.95, 57.15, 57.35, 57.55, 57.75, 57.95, 58.15, 58.35, 58.55, 58.75, 58.95, 59.15, 59.35, 59.55, 59.75, 59.95, 60.15, 60.35, 60.55, 60.75, 60.95, 61.15, 61.35, 61.55, 61.75, 61.95, 62.15, 62.35, 62.55, 62.75, 62.95, 63.15, 63.35, 63.55, 63.75, 63.95, 64.15, 64.35, 64.55, 64.75, 64.95, 65.15, 65.35, 65.55, 65.75, 65.95, 66.15, 66.35, 66.55, 66.75, 66.95, 67.15, 67.35, 67.55, 67.75, 67.95, 68.15, 68.35, 68.55, 68.75, 68.95, 69.15, 69.35, 69.55, 69.75, 69.95, 70.15, 70.35, 70.55, 70.75, 70.95, 71.15, 71.35, 71.55, 71.75, 71.95, 72.15, 72.35, 72.55, 72.75, 72.95, 73.15, 73.35, 73.55, 73.75, 73.95, 74.15, 74.35, 74.55, 74.75, 74.95, 75.15, 75.35, 75.55, 75.75, 75.95, 76.15, 76.35, 76.55, 76.75, 76.95, 77.15, 77.35, 77.55, 77.75, 77.95, 78.15, 78.35, 78.55, 78.75, 78.95, 79.15, 79.35, 79.55, 79.75, 79.95, 80.15, 80.35, 80.55, 80.75, 80.95, 81.15, 81.35, 81.55, 81.75, 81.95, 82.15, 82.35, 82.55, 82.75, 82.95, 83.15, 83.35, 83.55, 83.75, 83.95, 84.15, 84.35, 84.55, 84.75, 84.95, 85.15, 85.35, 85.55, 85.75, 85.95, 86.15, 86.35, 86.55, 86.75, 86.95, 87.15, 87.35, 87.55, 87.75, 87.95, 88.15, 88.35, 88.55, 88.75, 88.95, 89.15, 89.35, 89.55, 89.75, 89.95, 90.15, 90.35, 90.55, 90.75, 90.95, 91.15, 91.35, 91.55, 91.75, 91.95, 92.15, 92.35, 92.55, 92.75, 92.95, 93.15, 93.35, 93.55, 93.75, 93.95, 94.15, 94.35, 94.55, 94.75, 94.95, 95.15, 95.35, 95.55, 95.75, 95.95, 96.15, 96.35, 96.55, 96.75, 96.95, 97.15, 97.35, 97.55, 97.75, 97.95, 98.15, 98.35, 98.55, 98.75, 98.95, 99.15, 99.35, 99.55, 99.75, 99.95, 100.15, 100.35, 100.55, 100.75, 100.95, 101.15, 101.35, 101.55, 101.75, 101.95, 102.15, 102.35, 102.55, 102.75, 102.95, 103.15, 103.35, 103.55, 103.75, 103.95, 104.15, 104.35, 104.55, 104.75, 104.95, 105.15, 105.35, 105.55, 105.75, 105.95, 106.15, 106.35, 106.55, 106.75, 106.95, 107.15, 107.35, 107.55, 107.75, 107.95, 108.15, 108.35, 108.55, 108.75, 108.95, 109.15, 109.35, 109.55, 109.75, 109.95, 110.15, 110.35, 110.55, 110.75, 110.95, 111.15, 111.35, 111.55, 111.75, 111.95, 112.15, 112.35, 112.55, 112.75, 112.95, 113.15, 113.35, 113.55, 113.75, 113.95, 114.15, 114.35, 114.55, 114.75, 114.95, 115.15, 115.35, 115.55, 115.75, 115.95, 116.15, 116.35, 116.55, 116.75, 116.95, 117.15, 117.35, 117.55, 117.75, 117.95, 118.15, 118.35, 118.55, 118.75, 118.95, 119.15, 119.35, 119.55, 119.75, 119.95, 120.15, 120.35, 120.55, 120.75, 120.95, 121.15, 121.35, 121.55, 121.75, 121.95, 122.15, 122.35, 122.55, 122.75, 122.95, 123.15, 123.35, 123.55, 123.75, 123.95, 124.15, 124.35, 124.55, 124.75, 124.95, 125.15, 125.35, 125.55, 125.75, 125.95, 126.15, 126.35, 126.55, 126.75, 126.95, 127.15, 127.35, 127.55, 127.75, 127.95, 128.15, 128.35, 128.55, 128.75, 128.95, 129.15, 129.35, 129.55, 129.75, 129.95, 130.15, 130.35, 130.55, 130.75, 130.95, 131.15, 131.35, 131.55, 131.75, 131.95, 132.15, 132.35, 132.55, 132.75, 132.95, 133.15, 133.35, 133.55, 133.75, 133.95, 134.15, 134.35, 134.55, 134.75, 134.95, 135.15, 135.35, 135.55, 135.75, 135.95, 136.15, 136.35, 136.55, 136.75, 136.95, 137.15, 137.35, 137.55, 137.75, 137.95, 138.15, 138.35, 138.55, 138.75, 138.95, 139.15, 139.35, 139.55, 139.75, 139.95, 140.15, 140.35, 140.55, 140.75, 140.95, 141.15, 141.35, 141.55, 141.75, 141.95, 142.15, 142.35, 142.55, 142.75, 142.95, 143.15, 143.35, 143.55, 143.75, 143.95, 144.15, 144.35, 144.55, 144.75, 144.95, 145.15, 145.35, 145.55, 145.75, 145.95, 146.15, 146.35, 146.55, 146.75, 146.95, 147.15, 147.35, 147.55, 147.75, 147.95, 148.15, 148.35, 148.55, 148.75, 148.95, 149.15, 149.35, 149.55, 149.75, 149.95, 150.15, 150.35, 150.55, 150.75, 150.95, 151.15, 151.35, 151.55, 151.75, 151.95, 152.15, 152.35, 152.55, 152.75, 152.95, 153.15, 153.35, 153.55, 153.75, 153.95, 154.15, 154.35, 154.55, 154.75, 154.95, 155.15, 155.35, 155.55, 155.75, 155.95, 156.15, 156.35, 156.55, 156.75, 156.95, 157.15, 157.35, 157.55, 157.75, 157.95, 158.15, 158.35, 158.55, 158.75, 158.95, 159.15, 159.35, 159.55, 159.75, 159.95, 160.15, 160.35, 160.55, 160.75, 160.95, 161.15, 161.35, 161.55, 161.75, 161.95, 162.15, 162.35, 162.55, 162.75, 162.95, 163.15, 163.35, 163.55, 163.75, 163.95, 164.15, 164.35, 164.55, 164.75, 164.95, 165.15, 165.35, 165.55, 165.75, 165.95, 166.15, 166.35, 166.55, 166.75, 166.95, 167.15, 167.35, 167.55, 167.75, 167.95, 168.15, 168.35, 168.55, 168.75, 168.95, 169.15, 169.35, 169.55, 169.75, 169.95, 170.15, 170.35, 170.55, 170.75, 170.95, 171.15, 171.35, 171.55, 171.75, 171.95, 172.15, 172.35, 172.55, 172.75, 172.95, 173.15, 173.35, 173.55, 173.75, 173.95, 174.15, 174.35, 174.55, 174.75, 174.95, 175.15, 175.35, 175.55, 175.75, 175.95, 176.15, 176.35, 176.55, 176.75, 176.95, 177.15, 177.35, 177.55, 177.75, 177.95, 178.15, 178.35, 178.55, 178.75, 178.95, 179.15, 179.35, 179.55, 179.75, 179.95, 180.15, 180.35, 180.55, 180.75, 180.95, 181.15, 181.35, 181.55, 181.75, 181.95, 182.15, 182.35, 182.55, 182.75, 182.95, 183.15, 183.35, 183.55, 183.75, 183.95, 184.15, 184.35, 184.55, 184.75, 184.95, 185.15, 185.35, 185.55, 185.75, 185.95, 186.15, 186.35, 186.55, 186.75, 186.95, 187.15, 187.35, 187.55, 187.75, 187.95, 188.15, 188.35, 188.55, 188.75, 188.95, 189.15, 189.35, 189.55, 189.75, 189.95, 190.15, 190.35, 190.55, 190.75, 190.95, 191.15, 191.35, 191.55, 191.75, 191.95, 192.15, 192.35, 192.55, 192.75, 192.95, 193.15, 193.35, 193.55, 193.75, 193.95, 194.15, 194.35, 194.55, 194.75, 194.95, 195.15, 195.35, 195.55, 195.75, 195.95, 196.15, 196.35, 196.55, 196.75, 196.95, 197.15, 197.35, 197.55, 197.75, 197.95, 198.15, 198.35, 198.55, 198.75, 198.95, 199.15, 199.35, 199.55, 199.75, 199.95, 200.15, 200.35, 200.55, 200.75, 200.95, 201.15, 201.35, 201.55, 201.75, 201.95, 202.15, 202.35, 202.55, 202.75, 202.95, 203.15, 203.35, 203.55, 203.75, 203.95, 204.15, 204.35, 204.55, 204.75, 204.95, 205.15, 205.35, 205.55, 205.75, 205.95, 206.15, 206.35, 206.55, 206.75, 206.95, 207.15, 207.35, 207.55, 207.75, 207.95, 208.15, 208.35, 208.55, 208.75, 208.95, 209.15, 209.35, 209.55, 209.75, 209.95, 210.15, 210.35, 210.55, 210.75, 210.95, 211.15, 211.35, 211.55, 211.75, 211.95, 212.15, 212.35, 212.55, 212.75, 212.95, 213.15, 213.35, 213.55, 213.75, 213.95, 214.15, 214.35, 214.55, 214.75, 214.95, 215.15, 215.35, 215.55, 215.75, 215.95, 216.15, 216.35, 216.55, 216.75, 216.95, 217.15, 217.35, 217.55, 217.75, 217.95, 218.15, 218.35, 218.55, 218.75, 218.95, 219.15, 219.35, 219.55, 219.75, 219.95, 220.15, 220.35, 220.55, 220.75, 220.95, 221.15, 221.35, 221.55, 221.75, 221.95, 222.15, 222.35, 222.55, 222.75, 222.95, 223.15, 223.35, 223.55, 223.75, 223.95, 224.15, 224.35, 224.55, 224.75, 224.95, 225.15, 225.35, 225.55, 225.75, 225.95, 226.15, 226.35, 226.55, 226.75, 226.95, 227.15, 227.35, 227.55, 227.75, 227.95, 228.15, 228.35, 228.55, 228.75, 228.95, 229.15, 229.35, 229.55, 229.75, 229.95, 230.15, 230.35, 230.55, 230.75, 230.95, 231.15, 231.35, 231.55, 231.75, 231.95, 232.15, 232.35, 232.55, 232.75, 232.95, 233.15, 233.35, 233.55, 233.75, 233.95, 234.15, 234.35, 234.55, 234.75, 234.95, 235.15, 235.35, 235.55, 235.75, 235.95, 236.15, 236.35, 236.55, 236.75, 236.95, 237.15, 237.35, 237.55, 237.75, 237.95, 238.15, 238.35, 238.55, 238.75, 238.95, 239.15, 239.35, 239.55, 239.75, 239.95, 240.15, 240.35, 240.55, 240.75, 240.95, 241.15, 241.35, 241.55, 241.75, 241.95, 242.15, 242.35, 242.55, 242.75, 242.95, 243.15, 243.35, 243.55, 243.75, 243.95, 244.15, 244.35, 244.55, 244.75, 244.95, 245.15, 245.35, 245.55, 245.75, 245.95, 246.15, 246.35, 246.55, 246.75, 246.95, 247.15, 247.35, 247.55, 247.75, 247.95, 248.15, 248.35, 248.55, 248.75, 248.95, 249.15, 249.35, 249.55, 249.75, 249.95, 250.15, 250.35, 250.55, 250.75, 250.95, 251.15, 251.35, 251.55, 251.75, 251.95, 252.15, 252.35, 252.55, 252.75, 252.95, 253.15, 253.35, 253.55, 253.75, 253.95, 254.15, 254.35, 254.55, 254.75, 254.95, 255.15, 255.35, 255.55, 255.75, 255.95, 256.15, 256.35, 256.55, 256.75, 256.95, 257.15, 257.35, 257.55, 257.75, 257.95, 258.15, 258.35, 258.55, 258.75, 258.95, 259.15, 259.35, 259.55, 259.75, 259.95, 260.15, 260.35, 260.55, 260.75, 260.95, 261.15, 261.35, 261.55, 261.75, 261.95, 262.15, 262.35, 262.55, 262.75, 262.95, 263.15, 263.35, 263.55, 263.75, 263.95, 264.15, 264.35, 264.55, 264.75, 264.95, 265.15, 265.35, 265.55, 265.75, 265.95, 266.15, 266.35, 266.55, 266.75, 266.95, 267.15, 267.35, 267.55, 267.75, 267.95, 268.15, 268.35, 268.55, 268.75, 268.95, 269.15, 269.35, 269.55, 269.75, 269.95, 270.15, 270.35, 270.55, 270.75, 270.95, 271.15, 271.35, 271.55, 271.75, 271.95, 272.15, 272.35, 272.55, 272.75, 272.95, 273.15, 273.35, 273.55, 273.75, 273.95, 274.15, 274.35, 274.55, 274.75, 274.95, 275.15, 275.35, 275.55, 275.75, 275.95, 276.15, 276.35, 276.55, 276.75, 276.95, 277.15, 277.35, 277.55, 277.75, 277.95, 278.15, 278.35, 278.55, 278.75, 278.95, 279.15, 279.35, 279.55, 279.75, 279.95, 280.15, 280.35, 280.55, 280.75, 280.95, 281.15, 281.35, 281.55, 281.75, 281.95, 282.15, 282.35, 282.55, 282.75, 282.95, 283.15, 283.35, 283.55, 283.75, 283.95, 284.15, 284.35, 284.55, 284.75, 284.95, 285.15, 285.35, 285.55, 285.75, 285.95, 286.15, 286.35, 286.55, 286.75, 286.95, 287.15, 287.35, 287.55, 287.75, 287.95, 288.15, 288.35, 288.55, 288.75, 288.95, 289.15, 289.35, 289.55, 289.75, 289.95, 290.15, 290.35, 290.55, 290.75, 290.95, 291.15, 291.35, 291.55, 291.75, 291.95, 292.15, 292.35, 292.55, 292.75, 292.95, 293.15, 293.35, 293.55, 293.75, 293.95, 294.15, 294.35, 294.55, 294.75, 294.95, 295.15, 295.35, 295.55, 295.75, 295.95, 296.15, 296.35, 296.55, 296.75, 296.95, 297.15, 297.35, 297.55, 297.75, 297.95, 298.15, 298.35, 298.55, 298.75, 298.95, 299.15, 299.35, 299.55, 299.75, 299.95, 300.15, 300.35, 300.55, 300.75, 300.95, 301.15, 301.35, 301.55, 301.75, 301.95, 302.15, 302.35, 302.55, 302.75, 302.95, 303.15, 303.35, 303.55, 303.75, 303.95, 304.15, 304.35, 304.55, 304.75, 304.95, 305.15, 305.35, 305.55, 305.75, 305.95, 306.15, 306.35, 306.55, 306.75, 306.95, 307.15, 307.35, 307.55, 307.75, 307.95, 308.15, 308.35, 308.55, 308.75, 308.95, 309.15, 309.35, 309.55, 309.75, 309.95, 310.15, 310.35, 310.55, 310.75, 310.95, 311.15, 311.35, 311.55, 311.75, 311.95, 312.15, 312.35, 312.55, 312.75, 312.95, 313.15, 313.35, 313.55, 313.75, 313.95, 314.15, 314.35, 314.55, 314.75, 314.95, 315.15, 315.35, 315.55, 315.75, 315.95, 316.15, 316.35, 316.55, 316.75, 316.95, 317.15, 317.35, 317.55, 317.75



89 67433-04-9 CAPLUS
C4 48-1,3-Benzothiiazin-4-one, 2-(phenylmethyl)- (CA INDEX NAME)

14 ANI00145 OF 45 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



221 85496-98-1 CAPLUS
 231 48-1,3-Benzothiazin-4-one, 2-methyl-, hydrochloride (5CI) (CA INDEX NAME)
 (HCl)



● HCl
 221 85496-70-3 CAPLUS
 231 48-1,3-Benzothiazin-4-one, 2-methyl- (CA INDEX NAME)



221 85496-70-3 CAPLUS
 231 48-1,3-Benzothiazin-4-one, 2-ethyl-, hydrochloride (5CI) (CA INDEX NAME)



● HCl

14 ANI00146 OF 45 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
 221 85496-70-3 CAPLUS
 231 48-1,3-Benzothiazin-4-one, 2-ethyl- (CA INDEX NAME)